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*[Handwritten signature]*  
6/15/00



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Llinas-Brunet, M. et al ) Docket No.: 13/068  
Serial No. : 09/368,866 ) Art Unit: 1613  
Filed : 08/05/99 ) Examiner:  
For : Hepatitis C Inhibitor Tri-Peptides

**AMENDMENT AND PETITION UNDER 37 C.F.R. 1.48(a)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned hereby petitions under 37 C.F.R. § 1.48(a) to amend the above-identified application to delete Bruno Simoneau as an inventor. Pursuant to 37 C.F.R. § 1.48(a), this Petition is accompanied by:

- (1) a Statement of Bruno Simoneau (§ 1.48(a)(1)),
- (2) a new Declaration by the actual inventors (§ 1.48(a)(2)) and
- (3) the written consent of the assignee (§ 1.48(a)(4)), together with the required Statement

Under 37 C.F.R. § 3.73(b).

**AMENDMENT AND PETITION UNDER 37 CFR § 1.48(a)**  
**U.S. Appln. No. 09/368,866**

The fee set in 37 CFR 1.17(i) for this Petition is \$130.00. The Commissioner is hereby authorized to charge this and any other fee which may be required, and to credit any overpayment, to Deposit Account No. 02-2955. A triplicate of this paper is enclosed.

Respectfully submitted,



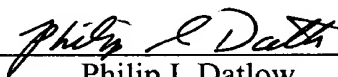
Philip I. Datlow  
Attorney for Applicant(s)  
Reg. No. 41,482

Patent Department  
Boehringer Ingelheim Corp.  
900 Ridgebury Road  
P.O. Box 368  
Ridgefield, CT 06877  
Tel: (203) 798-4542  
Date: June 5, 2000

**Certificate of Mailing**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:

Assistant Commissioner For Patents  
Washington, DC 20231  
on June 5, 2000.



Philip I. Datlow



Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12-97)  
Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted with Initial Filing <b>OR</b> <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Docket Number</b>	13/068
	<b>First Named Inventor</b>	Llinas-Brunet, M. et al
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	09 / 368,866
	<b>Filing Date</b>	08/05/99
	<b>Group Art Unit</b>	1613
	<b>Examiner Name</b>	

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Hepatitis C Inhibitor Tri-Peptides

the specification of which  
☐ is attached hereto  
**OR**  
☒ was filed on (MM/DD/YYYY) 08/05/1999 as United States Application Number or PCT International Application Number 09/368,866 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/095,931	08/10/1998	
60/132,386	05/04/1999	

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number
Robert P. Raymond	25,089	Susan K. Pocchiari	45,016
Alan R. Stempel	28,991	Philip I. Datlow	41,482
Mary-Ellen M. Devlin	27,928	Timothy X. Witkowski	40,232
Anthony P. Bottino	41,629	Louise G. Bernier	38,791

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☒ Customer Number or Bar Code Label 000023703 OR ☐ Correspondence address below

Name	Robert P. Raymond				
Address	Boehringer Ingelheim Corporation				
Address	900 Ridgebury Road, PO Box 368				
City	Ridgefield	State	CT	ZIP	06877
Country	USA	Telephone	203-798-9988	Fax	203-798-4408

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))		Family Name or Surname					
Montse		Llinas-Brunet					
Inventor's Signature				Date	May 24/00		
Residence: City	D.D.O.	State	Que.	Country	Canada	Citizenship	CA
Post Office Address	14 Rushbrooke						
Post Office Address							
City	D.D.O.	State	Que.	ZIP	H9B 3K6	Country	Canada

☒ Additional inventors are being named on the 4 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto



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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>1</u> of <u>4</u>
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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Murray D.				Bailey			
Inventor's Signature						Date	May 25/00
Residence: City	Pierrefonds	State	Que.	Country	Canada	Citizenship	CA
Post Office Address	344 Groulx						
Post Office Address							
City	Pierrefonds	State	Que.	ZIP	H8Y 1B3	Country	Canada
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Dale, R.				Cameron			
Inventor's Signature						Date	May 24/00
Residence: City	Rosemere	State	Que.	Country	Canada	Citizenship	CA
Post Office Address	493 de l'Erabliere						
Post Office Address							
City	Rosemere	State	Que.	ZIP	J7A 4M4	Country	Canada
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Elise				Ghiro			
Inventor's Signature						Date	May 25/00
Residence: City	Laval	State	Que.	Country	Canada	Citizenship	CA
Post Office Address	768 Pierre						
Post Office Address							
City	Laval	State	Que.	ZIP	H7X 3L8	Country	Canada

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Case No. 13/068

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>2</u> of <u>4</u>
--------------------	---

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Nathalie				Goudreau			
Inventor's Signature	<i>Nathalie Goudreau</i>					Date	May 24/00
Residence: City	Mont-Royal	State	Que.	Country	Canada	Citizenship	CA
Post Office Address 416 Graham							
Post Office Address							
City	Mont-Royal	State	Que.	ZIP	H3P 2C9	Country	Canada
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Marc-Andre				Poupart			
Inventor's Signature	<i>Marc Poupart</i>					Date	May 24/00
Residence: City	Vimont	State	Que.	Country	Canada	Citizenship	CA
Post Office Address 101 Aime Seguin							
Post Office Address							
City	Vimont	State	Que.	ZIP	H7M 1B3	Country	Canada
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Jean				Rancourt			
Inventor's Signature	<i>Jean Rancourt</i>					Date	May 24/00
Residence: City	Laval	State	Que.	Country	Canada	Citizenship	CA
Post Office Address 6400 de l'Aiglon							
Post Office Address							
City	Laval	State	Que.	ZIP	H7M 4W2	Country	Canada

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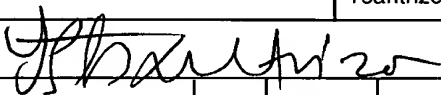
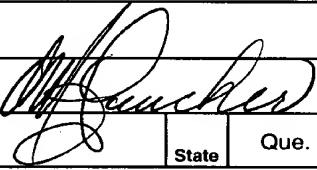
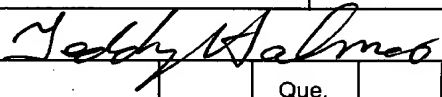
Case No. 13/068

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 3 of 4

<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle (if any))				Family Name or Surname				
Youla S.				Tsantrizos				
Inventor's Signature					Date		May 24/00	
Residence: City		Saint-Laurent	State	Que.	Country	Canada	Citizenship	CA
Post Office Address		1590 Champigny						
Post Office Address								
City		Saint-Laurent	State	Que.	ZIP	H4L 4P7	Country	Canada
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle (if any))				Family Name or Surname				
Anne-Marie				Faucher				
Inventor's Signature					Date		May 24/00	
Residence: City		Oka	State	Que.	Country	Canada	Citizenship	CA
Post Office Address		11 Lefebvre North						
Post Office Address								
City		Oka	State	Que.	ZIP	J0N 1E0	Country	Canada
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle (if any))				Family Name or Surname				
Teddy				Halmos				
Inventor's Signature					Date		May 24/00	
Residence: City		Laval	State	Que.	Country	Canada	Citizenship	CA
Post Office Address		1935 Jean Picard #8						
Post Office Address								
City		Laval	State	Que.	ZIP	H7T 2K4	Country	Canada

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Case No. 13/068

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## DECLARATION

## ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of 4

<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Dominik M.				Wernic			
Inventor's Signature		<i>D. Wernic</i>			Date		May 25/00
Residence: City		Laval	State	Que.	Country	Canada	Citizenship
Post Office Address		900 des Giroflees					
Post Office Address							
City		Laval	State	Que.	ZIP	H7X 3G5	Country
Country		Canada					
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Inventor's Signature					Date		
Residence: City			State		Country		Citizenship
Post Office Address							
Post Office Address							
City			State		ZIP		Country
Country							
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Inventor's Signature					Date		
Residence: City			State		Country		Citizenship
Post Office Address							
Post Office Address							
City			State		ZIP		Country
Country							

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Case No. 13/068

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Llinas-Brunet, M. et al ) Docket No.: 13/068  
Serial No. : 09/368,866 ) Art Unit: 1613  
Filed : 08/05/99 ) Examiner:  
For : Hepatitis C Inhibitor Tri-Peptides

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**STATEMENT OF BRUNO SIMONEAU**

Assistant Commissioner for Patents  
Washington, D.C. 20231

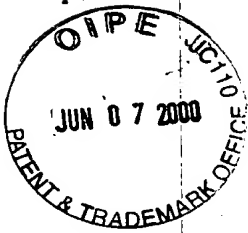
Sir:

During a recent review of the inventorship of the above-identified application, it was discovered that I was erroneously listed as an inventor at the time of filing. This error in inventorship was recently discovered and occurred without any deceptive intention on my part.

*May 3, 2000*

Date

*Bruno Simoneau*  
Bruno Simoneau



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Llinas-Brunet, M. et al ) Docket No.: 13/068  
Serial No. : 09/368,866 ) Art Unit: 1613  
Filed : 08/05/99 ) Examiner:  
For : Hepatitis C Inhibitor Tri-Peptides

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**CONSENT OF THE ASSIGNEE**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Boehringer Ingelheim (Canada) Ltd., the assignee of the entire right, title and interest in the above-identified application (by virtue of an assignment from the inventors recorded in the U.S. Patent and Trademark Office at Reel 010156, Frame 0337) hereby consents to the deletion of Bruno Simoneau as an inventor in the above-identified application.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

May 8<sup>th</sup>, 2000

Date

Louise G B

Signature

Louise G. Bernier

Typed or printed name

Manager, Patents

Title



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### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Llinas-Brunet, M. et al

Application No./Patent No.: 09/368,866

Filed/Issue Date: 08/05/99

Entitled: Hepatitis C Inhibitor Tri-Peptides

Boehringer Ingelheim (Canada) Ltd., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 010156 Frame 0337, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE]:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

June 5, 2000

Date

Philip I. Datlow

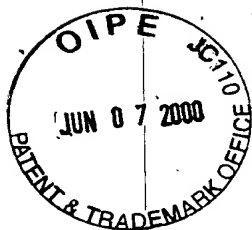
Signature

Philip I. Datlow

Typed or printed name

Attorney of Record

Title



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Llinas-Brunet, M. et al ) Docket No.: 13/068  
Serial No. : 09/368,866 ) Art Unit: 1613  
Filed : 08/05/99 ) Examiner:  
For : Hepatitis C Inhibitor Tri-Peptides

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Assistant Commissioner for Patents  
Washington, D.C. 20231

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- (1) a Statement of Bruno Simoneau (§ 1.48(a)(1)),
- (2) a new Declaration by the actual inventors (§ 1.48(a)(2)) and
- (3) the written consent of the assignee (§ 1.48(a)(4)), together with the required Statement

Under 37 C.F.R. § 3.73(b).

**TRIPLICATE**

**AMENDMENT AND PETITION UNDER 37 CFR § 1.48(a)**  
**U.S. Appln. No. 09/368,866**

The fee set in 37 CFR 1.17(i) for this Petition is \$130.00. The Commissioner is hereby authorized to charge this and any other fee which may be required, and to credit any overpayment, to Deposit Account No. 02-2955. A triplicate of this paper is enclosed.

Respectfully submitted,



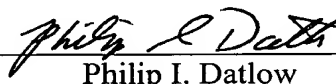
Philip I. Datlow  
Attorney for Applicant(s)  
Reg. No. 41,482

Patent Department  
Boehringer Ingelheim Corp.  
900 Ridgebury Road  
P.O. Box 368  
Ridgefield, CT 06877  
Tel: (203) 798-4542  
Date: June 5, 2000

**Certificate of Mailing**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:

Assistant Commissioner For Patents  
Washington, DC 20231  
on June 5, 2000.

  
Philip I. Datlow